

**SUBCHAPTER A: GENERAL REQUIREMENTS FOR MARINE SEAWATER
DESALINATION DISCHARGES**

**§§318.1 - 318.9
Effective December 8, 2016**

§318.1. Applicability and Purpose.

(a) The provisions of this chapter establish an expedited process for new, renewal, and amendment applications for treated marine seawater discharges, off-shore discharges, and near-shore discharges that originate from a marine seawater desalination project under Texas Water Code (TWC), Chapter 18. Discharges from a marine seawater desalination project may, alternatively, be authorized under the provisions of TWC, Chapter 26 and Chapter 305 of this title (relating to Consolidated Permits).

(b) Near-shore discharges from marine seawater desalination projects are subject to, and must comply with, §318.9 of this title (relating to Discharge Zones for Near-Shore and Off-Shore Discharges) and Subchapter D of this chapter (relating to Near-Shore Discharges).

(c) This chapter does not apply to discharges of waste resulting from the desalination of marine seawater into a bay, estuary, or fresh waterbody.

Adopted November 16, 2016

Effective December 8, 2016

§318.2. Definitions.

The definitions contained in Texas Water Code, §26.001 apply to this chapter. The following words and terms, when used in this chapter, have the following meanings.

(1) Affected person--A person who has a personal justiciable interest related to a legal right, duty, privilege, power, or economic interest affected by the application. An interest common to members of the general public does not qualify as a personal justiciable interest. The determination of whether a person is affected shall be governed by §55.203 of this title (relating to Determination of Affected Person).

(2) Application--A formal written request for commission action relative to a permit, together with all materials and documents submitted to complete the application.

(3) Commission--The Texas Commission on Environmental Quality.

(4) Facility--Includes all contiguous land and fixtures, structures, or appurtenances used for the collection, transportation, and treatment of marine seawater and the storage, transportation, and discharge of treated marine seawater and wastewater from a marine seawater desalination project. A facility may consist of several storage, processing, treatment, or disposal units.

(5) Marine seawater--Water that is derived from the Gulf of Mexico.

(6) Marine seawater desalination project--An operation that desalinates marine seawater. Marine seawater desalination project does not include other businesses, entities, or operations that do not desalinate marine seawater regardless of whether or not they are associated with the desalination operation by ownership, location, business structure, or business dependencies.

(7) Near-shore discharges--The discharge of wastewater from a marine seawater desalination project into the Gulf of Mexico where the point of discharge is located less than three miles seaward from any point located on the coast of Texas. The three-mile boundary shall be determined based on the Texas General Land Office map for the Dispersant Use Pre-Approval Zone or based on a site-specific determination made by the executive director.

(8) Off-shore discharges--The discharge of wastewater from a marine seawater desalination project into the Gulf of Mexico where the point of discharge is located three or more miles seaward from any point located on the coast of Texas. The three-mile boundary shall be determined based on the Texas General Land Office map for the Dispersant Use Pre-Approval Zone or based on a site-specific determination made by the executive director.

(9) Operator--The person responsible for the overall operation of a facility.

(10) Outfall--The point or location where treated marine seawater or wastewater is discharged from a marine seawater desalination project into or adjacent to water in the state.

(11) Owner--The person who owns a facility or part of a facility.

(12) Permit--A written document issued by the commission which, by its conditions, may authorize the permittee to construct, install, modify, or operate, in accordance with stated limitations, a specified facility for treated marine seawater and reject water discharges.

(13) Site--The land or water area where any marine seawater desalination project is physically located or conducted, including adjacent land or water used in connection with the marine seawater desalination project.

(14) Treated marine seawater--Marine seawater that has been treated to reduce salinity so as to meet standards that are at least as stringent as the water quality standards adopted by the commission applicable to the receiving stream or impoundment. More stringent treatment may be required if the commission determines it is necessary to protect water quality. Treated marine seawater is not a pollutant discharge.

Adopted November 16, 2016

Effective December 8, 2016

§318.3. Application Requirements.

(a) Any person who requests a permit or who requests an amendment, modification, or renewal of a permit for treated marine seawater discharges or off-shore discharges shall complete, sign, and submit an application to the executive director according to the requirements of this chapter. A permittee shall keep records of data used to complete the final application and any supplemental information throughout the term of the permit.

(b) It is the duty of the owner of a facility to submit an application for a permit. However, if the facility is owned by one person and operated by another, it is the duty of the operator and the owner to jointly submit an application for a permit.

(c) Only one application needs to be filed for each geographical location from which treated marine seawater or wastewater is discharged, even though there may be more than one outfall requested in the application.

(d) The original and three copies of the permit application shall be submitted on forms provided by or approved by the executive director, and shall be accompanied by a like number of copies of all technical supplements and attachments.

(e) All applications shall be signed in accordance with §305.44 of this title (relating to Signatories to Applications).

(f) Each application for a permit must include the following:

(1) the name, mailing address, and location of the facility for which the application is submitted;

(2) the ownership status as federal, state, private, public, or other entity;

(3) the applicant's name, mailing address, email address, and telephone number;

(4) a topographic map, ownership map, county highway map, or a map prepared by a Texas licensed professional engineer, Texas licensed professional geoscientist, or a registered surveyor which shows the facility and each of its intake and outfall structures. Maps must be of material suitable for a permanent record, and shall be on sheets 8-1/2 inches by 11 inches or folded to that size, and shall be on a scale of not less than one inch equals one mile. The map shall depict the approximate boundaries of the tract of property owned or to be used by the applicant and shall extend at least one mile beyond the tract boundaries sufficient to show the following:

(A) each well, spring, and surface water body or other water in the state within the map area;

(B) the general character of the areas adjacent to the facility, including public roads, towns and the nature of development of adjacent lands such as residential, commercial, agricultural, recreational, undeveloped, and so forth; and

(C) the location of any waste disposal activities conducted on the tract not included in the application;

(5) a supplementary technical report submitted in connection with an application. The report must be prepared either by a Texas licensed professional engineer, a Texas licensed professional geoscientist, or by a qualified person who is competent and experienced in the field to which the application relates and thoroughly familiar with the proposed marine seawater desalination project. The report must include the following:

(A) a general description of the facilities and systems used for or in connection with the intake, collection, transportation, and treatment of marine seawater and the storage, transportation, and discharge of treated marine seawater and wastewater; and

(B) for each outfall:

(i) the volume and rate of the discharge of treated marine seawater and wastewater, including daily average flow, daily maximum flow, and detailed information regarding patterns of discharge; and

(ii) the chemical, physical, thermal, organic, bacteriological, or radiological properties or characteristics of the wastewater, as applicable, described in enough detail to allow evaluation of the water and environmental quality considerations involved; and

(6) the applicant shall provide other information as reasonably may be required by the executive director for an adequate understanding of the project, and which is necessary to provide the commission an adequate opportunity to ascertain whether the facility will be constructed and operated in compliance with all pertinent state and federal statutes.

(g) If the applicant is an individual, the application shall contain:

(1) the individual's full legal name and date of birth;

(2) the street address of the individual's place of residence;

(3) the identifying number from the individual's driver's license or personal identification certificate issued by the state or country in which the individual resides;

(4) the individual's sex; and

(5) any assumed business or professional name of the individual filed under Texas Business and Commerce Code, Chapter 36.

Adopted November 16, 2016

Effective December 8, 2016

§318.4. Application Fees and Water Quality Fees.

(a) An applicant shall include with each application a fee. The application fee is due at the time that the application is filed with the commission. Unless the recommendation of the executive director is that the application be denied, the commission will not consider an application for final decision until such time as the application fee is paid.

(b) The permit application fees are as follows:

(1) new - \$1,250;

(2) major amendment (with or without renewal) of an existing permit - \$1,250;

(3) renewal of an existing permit - \$1,215;

(4) minor amendment and minor modification of an existing permit - \$150.

(c) An annual water quality fee will be assessed against permittees authorized under this chapter in accordance with Chapter 21 of this title (relating to Water Quality Fees).

Adopted November 16, 2016

Effective December 8, 2016

§318.5. Permit Conditions.

(a) A permit issued under this chapter is subject to the requirements of:

(1) §305.122 of this title (relating to Characteristics of Permits);

(2) §305.123 of this title (relating to Reservation in Granting Permit);

(3) §305.124 of this title (relating to Acceptance of Permit, Effect);

(4) §305.125 of this title (relating to Standard Permit Conditions);

(5) §305.127 of this title (relating to Conditions to be Determined for Individual Permits); and

(6) Chapter 307 of this title (relating to Texas Surface Water Quality Standards).

(b) All reports required by permits issued under this chapter and other information requested by the executive director shall be signed in accordance with §305.128 of this title (relating to Signatories to Reports).

Adopted November 16, 2016

Effective December 8, 2016

§318.6. Amendment of a Permit.

(a) Amendments generally. A change in a term, condition, or provision of a permit requires an amendment, except corrections to permits under subsection (c)(2)(A) of this section and permit transfers under §318.8 of this title (relating to Other Permit Actions).

(b) Application for amendment. An application for amendment shall include all requested changes to the permit. Information sufficient to review the application

shall be submitted in the form and manner and under the procedures specified in §318.3 of this title (relating to Application Requirements). The application shall include a statement describing the reason for the requested changes.

(c) Types of amendments.

(1) A major amendment is an amendment that changes a substantive term, provision, requirement, or a limiting parameter of a permit.

(2) A minor amendment is an amendment to improve or maintain the permitted quality or method of disposal of treated marine seawater or wastewater if there is neither a significant increase of the quantity of treated marine seawater or wastewater to be discharged nor a material change in the pattern or place of discharge. A minor amendment includes any other change to a permit issued under this chapter that will not cause or relax a standard or criterion which may result in a potential deterioration of quality of water in the state. A minor amendment may also include, but is not limited to:

(A) correcting typographical errors;

(B) changing an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the existing permit and does not interfere with attainment of the final compliance date;

(C) requiring more frequent monitoring or reporting by the permittee;

(D) changing the construction schedule for a discharger. No such change shall affect a discharger's obligation to have all pollution control equipment installed and in operation before discharge; and

(E) deleting an outfall when the discharge from that outfall is terminated and does not change the discharge from other outfalls except within permit limits.

(d) Good cause for amendments. If good cause exists, the executive director may initiate and the commission may order a major amendment, minor amendment, or minor modification to a permit and the executive director may request an updated application if necessary. Good cause includes, but is not limited to:

(1) there are material and substantial changes to the permitted facility or activity which justify permit conditions that are different or absent in the existing permit;

(2) information, not available at the time of permit issuance, is received by the executive director, justifying amendment of existing permit conditions;

(3) the standards or regulations on which the permit or a permit condition was based have been changed by statute, through promulgation of new or amended standards or regulations, or by judicial decision after the permit was issued; or

(4) an act of God, strike, flood, material shortage, or other event over which the permittee has no control and for which there is no reasonably available alternative may be determined to constitute good cause for amendment of a compliance schedule.

(e) Amendment initiated by the executive director. If the executive director determines to amend a permit, notice of the determination stating the reason for the amendment and a copy of a proposed amendment draft shall be mailed, by United States Postal Service or electronic mail, to the permittee at the last address of record with the commission.

(f) Amendment initiated permit expiration. The existing permit will remain effective and will not expire until commission action on the application for amendment is final. The commission may extend the term of a permit when taking action on an application for amendment.

(g) Amendment application with renewal. An application for a major amendment to a permit may include a request for a renewal of the permit.

Adopted November 16, 2016

Effective December 8, 2016

§318.7. Renewal of a Permit.

Any permittee with an effective permit shall submit an application for renewal at least 180 days before the expiration date of the effective permit, unless permission for a later date has been granted by the executive director. The executive director shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

(1) An application for renewal shall be in the same form as that required for the original permit application.

(2) An application for renewal shall request continuation of the same requirements and conditions of the expiring permit.

(3) If an application for renewal in fact requests a modification of requirements and conditions of the existing permit, an application for amendment shall be filed in place of an application for renewal.

(4) If an application for renewal is received by the executive director before the permit expiration date, the existing permit will remain in full force and effect and will not expire until commission action on the application for renewal is final.

(5) The commission may deny an application for renewal for the grounds set forth in §305.66 of this title (relating to Permit Denial, Suspension, and Revocation).

(6) During the renewal process, the executive director may make any changes or additions to permits authorized by §318.6 of this title (relating to Amendment of a Permit).

Adopted November 16, 2016

Effective December 8, 2016

§318.8. Other Permit Actions.

(a) Permit transfer. A permit issued under this chapter is issued to a specific person and may be transferred only upon approval of the commission in accordance with §305.64 of this title (relating to Transfer of Permits).

(b) Permit denial, suspension, and revocation. A permit issued under this chapter does not become a vested right and may be denied, suspended, or revoked in accordance with §305.66 of this title (relating to Permit Denial, Suspension, and Revocation).

(c) Permit cancellation. If a permittee no longer desires to continue the activity authorized under a permit issued under this chapter, or is agreeable to a suspension of authorization for a specified period of time, the permittee should file with the executive director a written request, or a written consent and waiver in accordance with §305.67 of this title (relating to Revocation and Suspension upon Request or Consent). In the absence of a request filed by the permittee or of sufficient consent and waiver, the commission may revoke or suspend a permit in accordance with §305.66 of this title.

(d) Correction to permits. Nonsubstantive changes to a permit issued under this chapter may be made in accordance with §50.145 of this title (relating to Corrections to Permits).

Adopted November 16, 2016

Effective December 8, 2016

§318.9. Discharge Zones for Near-Shore and Off-Shore Discharges.

An application for near-shore discharges or off-shore discharges must contain documentation of the results of consultation with the Texas Parks and Wildlife Department and the Texas General Land Office regarding the outfall location(s) as required by Texas Water Code, §18.005(h). This provision only applies to new applications and amendment applications that propose a new outfall or a new location for an existing outfall.

Adopted November 16, 2016

Effective December 8, 2016